

WHAT IS CLAIMED IS:

1. A device for feeding oil to a seat of a bearing (5) that supports a rotatable shaft (3), the device comprising:

an annular oil reservoir (14) surrounding a seat of the bearing (5);

an oil pump (8) having two spindles (10, 11) with oppositely extending, respectively, feeding channels;

oil delivery conduit means (20); and

oil return conduit means (24, 25, 26, 27) partly (24, 25) provided on one side of the bearing seat and partly (26, 27) provided on an axially opposite side of the bearing seat.

2. A device according to Claim 1, further comprising a feeding cone (22) provided at an end of the rotatable shaft (3) below the seat of the bearing (5).

3. A device according to Claim 1, wherein ends (34, 35, 36, 37) of respective return conduits (24, 25, 26, 27) projects into the oil reservoir (14).

4. A device according to Claim 1, further comprising a labyrinth seal (28) located between the bearing seat and a shaft clearance (4).